

NON-REVERSING WINDSHIELD WIPER MOTOR PARK SWITCH**ABSTRACT OF THE DISCLOSURE**

A windshield wiper drive apparatus includes a non-electrical contact position detector of the wiper inwipe position. A magnet is rotated by the wiper drive gear and moves past a magnetically responsive sensor mounted within the drive housing to detect the inwipe position of the wipers. In one aspect, a rotatable cam is mounted in the housing and carries the magnet. Interengaging members on the drive gear and the cam cause rotation of the cam in only the normal direction of rotation of the drive gear. Any back movement of the drive gear through interfering contact of the wiper blades with an obstruction separates the drive gear interengaging member from the cam preventing movement of the cam.

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